Before the

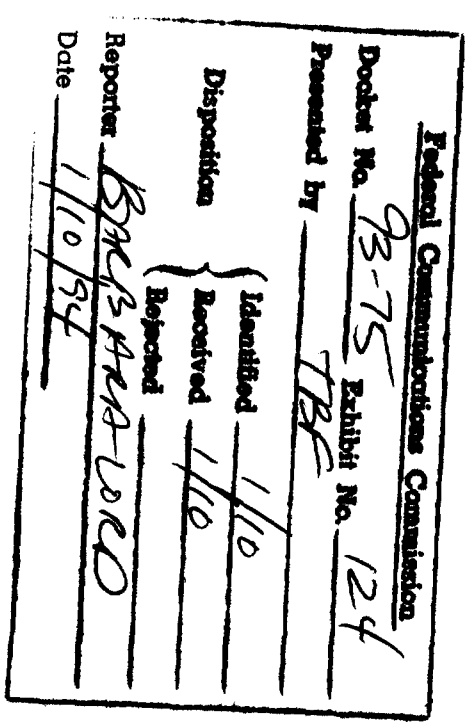
FEDERAL COMMUNICATIONS COMMISSION

Washington, D.C. 20554

In Re Applications of	)	MM Docket No. 93-75
	)	
TRINITY BROADCASTING OF FLORIDA, INC.	)	BRCT-911001LY
	)	
For Renewal of License for Television Station WHFT(TV) Miami, Florida	)	
	)	
GLENDALE BROADCASTING COMPANY	)	BPCT-911227KE
	)	
For Construction Permit Miami, Florida	)	

HEARING EXHIBITS

TRINITY BROADCASTING OF FLORIDA, INC.
TRINITY BROADCASTING NETWORK
NATIONAL MINORITY TELEVISION, INC.



TBF Exhibit 124

TRINITY BROADCASTING OF FLORIDA, INC.,

TRINITY BROADCASTING NETWORK,

NATIONAL MINORITY TELEVISION, INC.

Mullin, Rhyne, Emmons
and Topel, P.C.
1000 Connecticut Avenue--Suite 500
Washington, D.C. 20036
(202) 659-4700

United States of America

FEDERAL COMMUNICATIONS COMMISSION

LOW POWER TELEVISION / TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

TRANSLATOR TV, INC.
PO BOX A
SANTA ANA, CA 92711

Authorizing Official:

KAL

Keith A. Larson
Chief, LPTV Branch
Video Services Division
Mass Media Bureau

Grant Date: 1-29-88

Call sign: K56DP

Permit File No.: BPTT-801205IC

This permit expires 3:00 am. local time 18 months after grant date specified above

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified (date of expiration) or within such further time as the Commission may allow, unless completion of the station is prevented by causes not under the control of the permittee. See Sections 73.3598, 73.3599 and 73.3534 of the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 74.13 and 74.14 of the Commission's Rules.

Name of permittee:

TRANSLATOR TV, INC.

Station Location:

TX-HOUSTON

Frequency (MHz): 722.0 - 728.0 Offset: None

Channel: 56

Hours of Operation: Unlimited

1

4 FEB 1988

NPD 1-27-88

Transmitter location (address or description):

S. OF STAFFORDSHIRE ROAD

Transmitter: Type accepted. See Section 74.750 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Desc: BOGNER B8UC

Major lobe directions (degrees true): 45.0

Antenna coordinates: North Latitude: 29 35 48.0
West Longitude: 95 32 36.0

Transmitter output power (Visual) . . . . . : .100 kW

Maximum effective radiated power (Visual) : 2.66 kW

Height of radiation center above ground . . . . : 89.0 Meters

Height of radiation center above mean sea level : 111.0 Meters

Overall height of antenna structure above ground (including obstruction lighting, if any) . . . . . : 189.0 meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

Paragraph 1.0, FCC Form 715 (March 1978):

Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and bottom. The width of the bands shall be equal and approximately one-seventh the height of the structure, provided however, that the bands shall not be more than 100 feet nor less than 1 and 1/2 feet in width. All towers shall be cleaned and repainted as often as necessary to maintain good visibility.

2

Paragraph 3.0, FCC Form 715 (March 1978):

There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

Paragraph 5.0, FCC Form 715 (March 1978):

At approximately two-fifths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

Paragraph 14.0, FCC Form 715 (March 1978):

On levels at approximately four-fifths, three-fifths and one-fifth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

Paragraph 21.0, FCC Form 715 (March 1978):

All lighting shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

3

JOSEPH E. DUNNE III
COLBY M. MAY*

*ALSO ADMITTED IN VIRGINIA

MAY & DUNNE
CHARTERED
ATTORNEYS AT LAW
1156 - 15TH STREET, N.W.
SUITE 515
WASHINGTON, D.C. 20005-1704
(202) 223-9013

RICHARD G. GAY
OF COUNSEL

TELECOPIER NO.
(202) 223-6992

September 20, 1988

HAND DELIVER

H. Walker Feaster, III
Acting Secretary
Federal Communications Commission
Washington, D.C. 20554

RE: National Minority TV, Inc. (formerly Translator TV, Inc.), Permittee of K56DP, Houston, Texas, Application for Minor Modification of Construction Permit (BPTT-801205IC)

Dear Mr. Feaster:

Filed herewith, in triplicate, on behalf of the referenced permittee is a minor modification application for LPTV facility K56DP, Houston, Texas. This modification involves a change in transmitter site, an increase in effective antenna height, and a decrease in effective radiated power.

Since this amendment will be processed as a minor change, no fee is required in accordance with Commission rule 1.1104.

If any questions should arise concerning this matter, kindly contact the undersigned directly.

Respectfully submitted,

NATIONAL MINORITY TV, INC.

By: _____
Colby M. May
Its Attorney

CMM:gmcB47
xc: Mrs. Jane Duff

Federal Communications Commission
Washington, D.C. 20554

Approved by OMB
3060-0016
Expires 1/31/91

APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES IN A W POWER TV, TV TRANSLATOR OR V BOOSTER STATION

(Carefully read instructions before filling out form - RETURN ONLY FORM TO FCC)

For Commission Fee Use Only	FEE NO:	For Applicant Fee Use Only
	FEE TYPE:	Is a fee submitted with this application? ☐ Yes ☒ No
	FEE AMT:	If No, indicate reason therefor (check one box): ☒ Nonfeeable application
	ID SEC:	Fee Exempt (See 47 C.F.R. Section 1.1112) ☐ Noncommercial educational licensee ☐ Governmental entity

For Commission Use Only

File No.

SECTION I - GENERAL INFORMATION

1. Name of Applicant	Address		
National Minority TV, Inc.	P. O. Box C-11949		
	City: Santa Ana	State: CA	Zip Code: 92711
	Telephone No. (include area code): (714) 832-2950		

2. This application is for: (check one box)

☐ Low Power Television ☒ TV Translator ☐ TV Booster

(a) Proposed Channel No.	(b) Community to be served:	
	City	State
K56DP	Houston	TX

(c) Check one of the following boxes:

☐ Application for NEW station

☐ MAJOR change in licensed facilities, call sign: .....

☐ MINOR change in licensed facilities; call sign: .....

☐ MAJOR modification of construction permit; call sign: .....

File No. of Construction Permit:

☒ MINOR modification of construction permit; call sign: K56DP

File No. of Construction Permit: BPTT-301205IC

☐ AMENDMENT to pending application; Application file number: .....

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Sections I and V and those other portions of the form that contain the amended information.

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. For Low Power TV applicants, will this station employ on a full-time basis five or more persons? N/A ☐ Yes ☐ No

   If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Report (FCC Form 396-A).

SECTION VII - CERTIFICATIONS

1. For new station and major change applicants only, the applicant certifies that it has or will comply with the public notice requirement of 47 C.F.R. Section 73.3580(g). N/A ☐ Yes ☐ No

2. For applicants proposing translator rebroadcasts who are not the licensee of the primary station, the applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted. N/A ☐ Yes ☐ No

Primary station proposed to be rebroadcast:

Call Sign	City	State	Channel No.

3. The applicant certifies that it has contacted an authorized spokesperson for the owner of the rights to the proposed transmitter site and has obtained reasonable assurance that the site will be available for its use if this application is granted. ☒ Yes ☐ No

That person can be contacted at the following address and telephone number:

Name: Doug Irving and/or Pat McDonald, Bowen Smith Management, Inc.		Mailing Address or Identification: 12454 Old Galveston Road	
City: Webster	State: Texas	ZIP Code: 77598	Telephone No. (include area code): (713) 486-7431

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, or any substantial and significant changes in information furnished.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true, complete and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant: National Minority TV, Inc.	Signature: [signature]
Title: Vice President	Date: September 16, 1988

ENGINEERING REPORT

TRANSLATOR TV, INC.

PROPOSED TELEVISION TRANSLATOR K56DP
CHANNEL 56 - HOUSTON, TEXAS

[MODIFICATION OF BPTT-801205IC]

SEPTEMBER, 1988

CONTENTS

SMITH AND POWSTENKO

BROADCASTING AND TELECOMMUNICATIONS CONSULTANTS

SUITE 600

2033 M STREET, N.W.

WASHINGTON, D. C. 20036

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of TRANSLATOR TV, INC., permittee of Television Translator K56DP, Channel 56, Houston, Texas, in support of its application for modification of Construction Permit BPTT-801205IC to make "minor" changes in its facilities. It is proposed herein to change transmitter site, increase effective antenna height, and decrease effective radiated power.

The newly proposed site, plotted in Exhibit B, is 1.9 miles north northwest of the authorized facility. There exists at the site a 565-foot (172-meter) tower from which Low Power Television Station K45AK presently operates. It is proposed to mount a standard Bogner B4UT directional antenna at the 300-foot level of this tower, as shown in Exhibit C. No interference to K45AK is expected from the proposed operation; however, if such should occur, the applicant will undertake corrective measures.

Terrain and contour data for the authorized and proposed facilities are tabulated in Exhibit D. Exhibit E is a map upon which the predicted, protected 74 dbμ contours of the authorized and proposed facilities have been plotted. As is clearly shown in Exhibit E, the proposed 74 dbμ contour is completely contained within that authorized to K56DP, making the changes proposed herein "minor" within the context of FCC Rules.

Since no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FAA issued a Determination of No Hazard for this structure in Aeronautical

EXHIBIT A

Study No. 77-ASW-72-OE.

Now that the FCC considers the purported biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to the instant proposal. Employing the methods set forth in *OST Bulletin No. 65*, and assuming an effective radiated power of 1.2 kw (average visual ERP plus aural ERP [considered to be 20 percent of peak visual ERP]), an effective antenna height of 91 meters above ground, and an antenna vertical relative field value of 10 percent at 90° from antenna horizontal, we calculate the maximum ground-level power density to be 0.000048 mw/cm^2 at the base of the tower. Since this is less than one percent of the allowable 2.4 mw/cm^2 for a facility operating on Channel 58 (722-728 MHz), a grant of this proposal would clearly qualify as a minor environmental action with respect to non-ionizing electromagnetic radiation.

I declare under penalty of perjury that the foregoing statements and the attached Engineering Report, which was prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

KEVIN T. FISHER

September 13, 1988

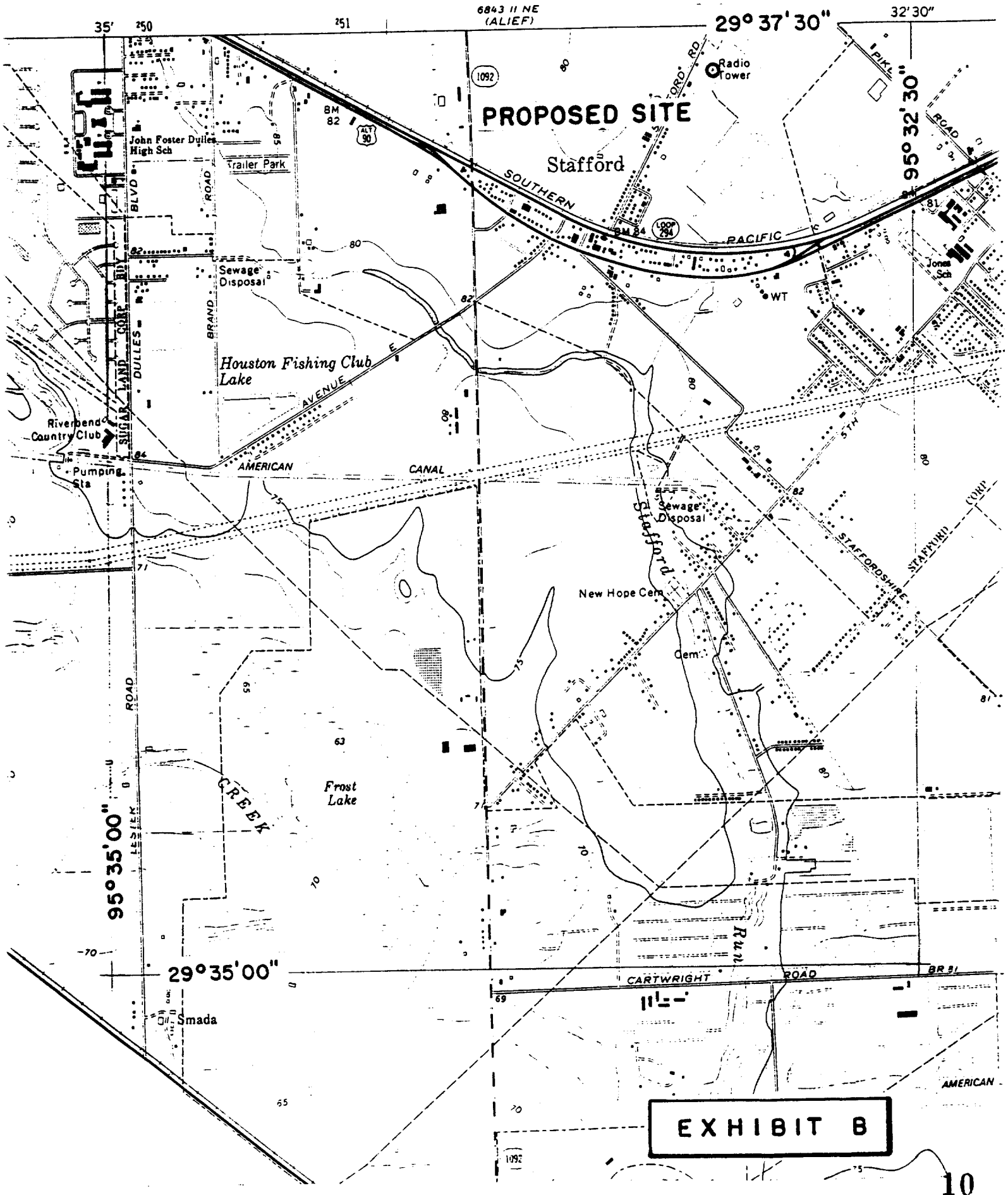
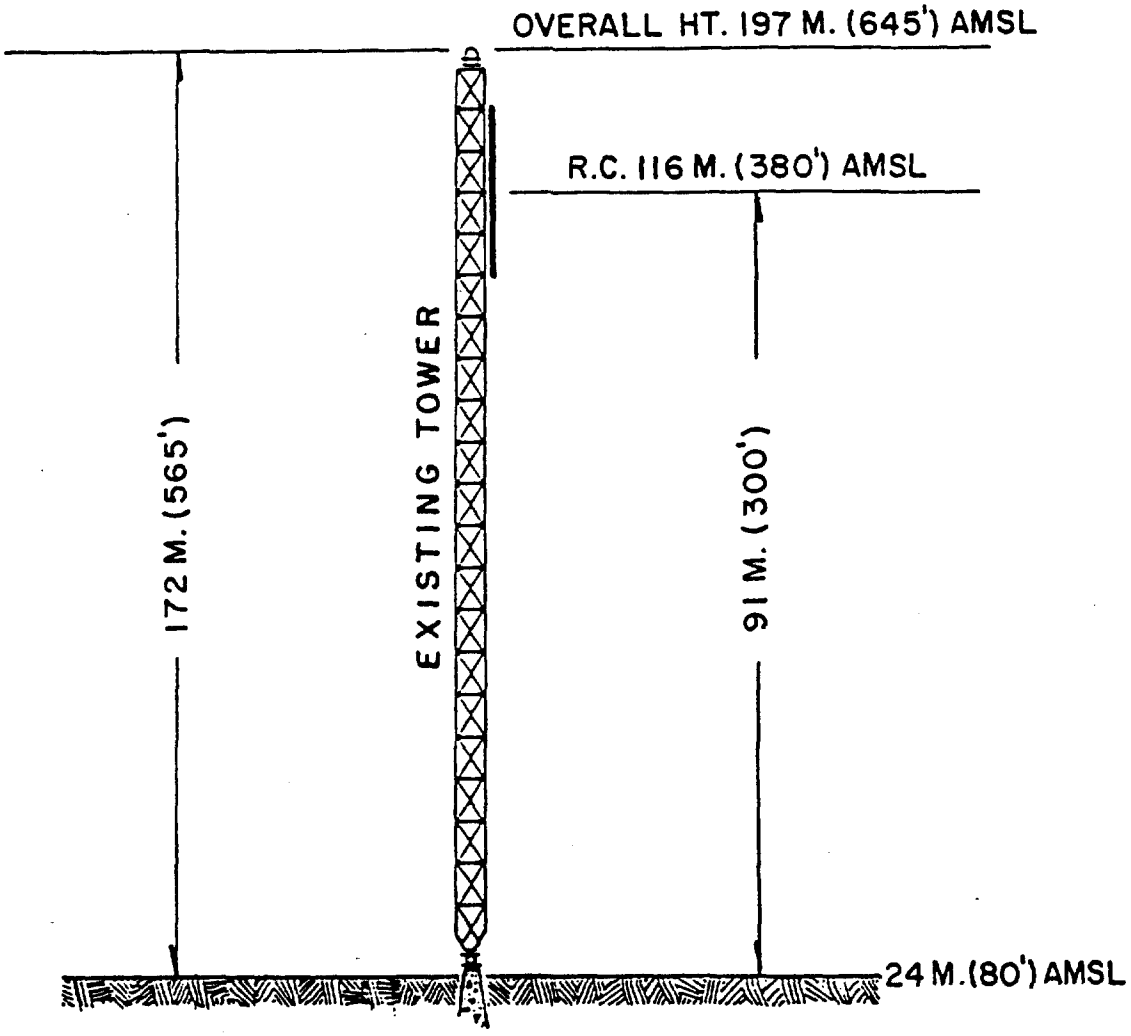

MISSOURI CITY, TEX.
N2930—W9530/7.5
6843 II NE
(ALIEF)
35'
250
251
29° 37' 30"
32'30"
95° 32' 30"
95° 35' 00"
29° 35' 00"
PROPOSED SITE
Stafford
Radio Tower
John Foster Dulles High Sch
Trailer Park
SOUTHERN PACIFIC
Sewage Disposal
Houston Fishing Club Lake
Riverbend Country Club
Pumping Sta
AMERICAN CANAL
Sewage Disposal
New Hope Cem
Cem
Frost Lake
CREEK
Run
CARTWRIGHT ROAD
Smada
Jones Sch
WT
DULLES AVENUE
BRAND ROAD
SUGAR LAND BLVD
STAFFORD RUN
STAFFORDSHIRE
STAFFORD CORP
1 MILE
1 KILOMETER

EXHIBIT B

NOT TO SCALE



NOTE: Due to rounding, metric figures may not add correctly.

SITE COORDINATES:

29° 37' 23"
95° 33' 07"

EXHIBIT C

EXHIBIT D-1

AUTHORIZED TERRAIN AND CONTOUR DATA

TRANSLATOR TV, INC.

PROPOSED TELEVISION TRANSLATOR K56DP
CHANNEL 56 - HOUSTON, TEXAS
[MODIFICATION OF BPTT-801205IC]

Azimith (°T)	Average Elevation 2 to 10 Miles* (feet AMSL)	Effective Antenna Height (feet AAT)	ERP (dbk)	Distance to 74 dbu Contour (miles)
0	66	298	-0.5	4.7
45	53	311	4.2	6.3
90	62	302	-0.5	4.7
135	64	300	-10.2	2.7
180	50	314	-8.9	3.0
225	55	309	-6.5	3.4
270	66	298	-8.9	2.9
315	66	298	-10.2	2.7

* Determined by computer (NGDC data base)

Antenna radiation center above mean sea level	364 feet
Effective radiated power	2.66 kw
Antenna make and model	Bogner B8UC
Orientation	45° True

Geographic Coordinates

North latitude:	29°	35′	48"
West longitude:	95°	32′	36"

EXHIBIT D-2

PROPOSED TERRAIN AND CONTOUR DATA

TRANSLATOR TV, INC.

PROPOSED TELEVISION TRANSLATOR K56DP
CHANNEL 56 - HOUSTON, TEXAS
[MODIFICATION OF BPTT-801205IC]

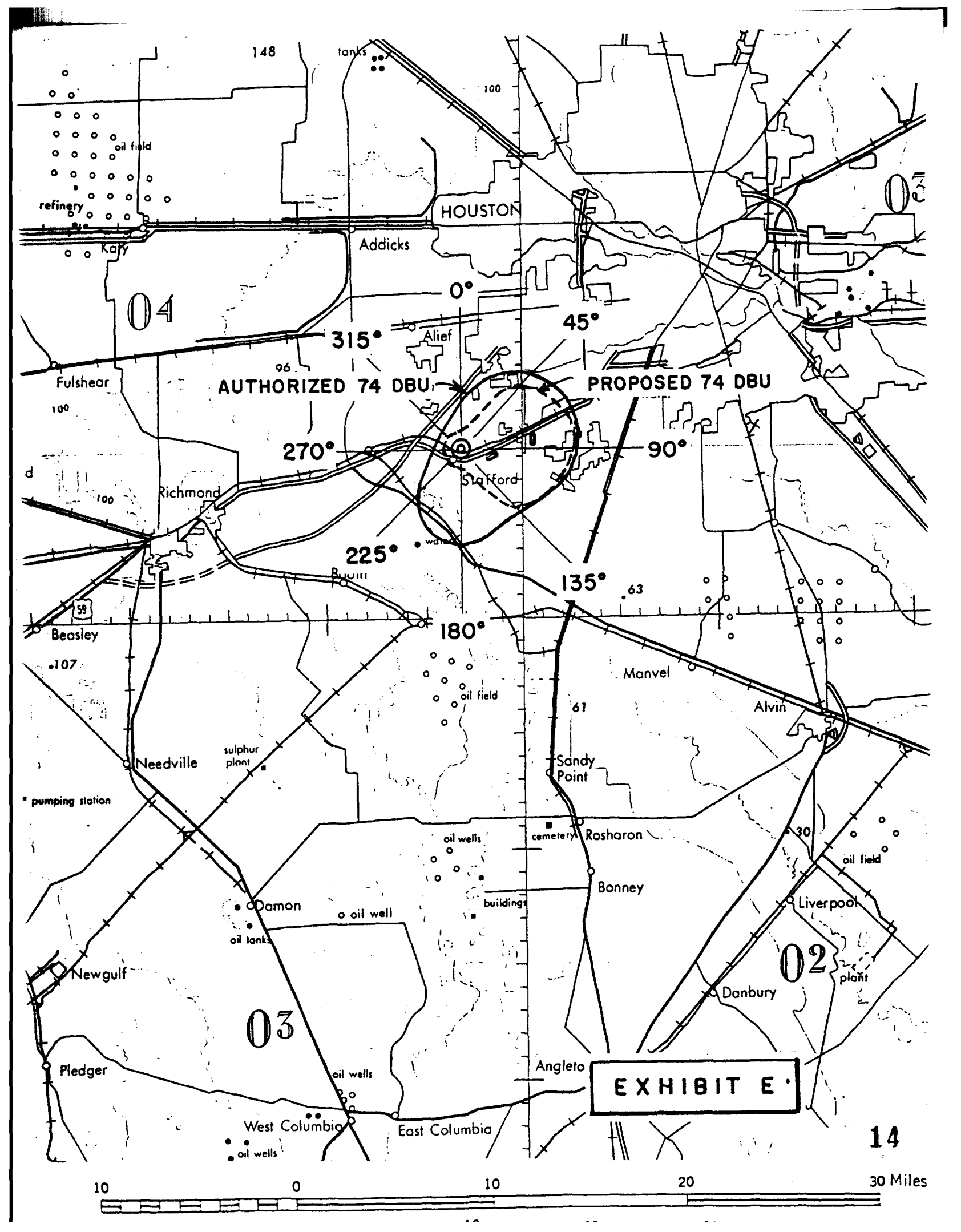
Azimith (°T)	Average Elevation 2 to 10 Miles* (feet AMSL)	Effective Antenna Height (feet AAT)	ERP (dbk)	Distance to 74 dbu Contour (miles)
0	60	320	-27.5	1.0
45	53	327	-2.5	4.4
90	50	330	3.0	6.0
135	62	318	-2.5	4.3
180	53	327	-27.5	1.0
225	53	327	-27.5	1.0
270	64	316	-27.5	1.0
315	79	301	-27.5	1.0

* Determined by computer (NGDC data base)

Antenna radiation center above mean sea level	380 feet
Effective radiated power	2.0 kw
Antenna make and model	Bogner B4UT
Orientation	90° True

Geographic Coordinates

North latitude: 29° 37′ 23"
West longitude: 95° 33′ 07"


148
tanks
100
oil field
refinery
HOUSTON
Katy
Addicks
04
0°
45°
315°
Alief
96
AUTHORIZED 74 DBU
PROPOSED 74 DBU
Fulshear
100
270°
90°
Stafford
Richmond
100
225°
135°
63
59
Beasley
180°
107
Manvel
oil field
61
Alvin
Needville
sulphur plant
Sandy Point
pumping station
oil wells
cemetery
Rosharon
30
oil field
Bonney
buildings
Liverpool
Damon
oil well
oil tanks
02
plant
Newgulf
Danbury
03
Pledger
oil wells
Angleto
EXHIBIT E
West Columbia
East Columbia
oil wells
14
10
0
10
20
30 Miles

SECTION II - ENGINEERING DATA AND ANTENNA AND SITE INFORMATION

1. Facilities requested:

Output Channel No.	Transmitter Rated Power Output	Proposed Community(ies) to be served	
		City	State
56	1.0 kilowatts	Houston	Texas

Frequency Offset (check one)

[X] No offset [ ] Zero offset [ ] Plus-offset [ ] Minus offset

Translator Input Channel No. Satcom 3R - Transponder 3

2. Proposed transmitting antenna location:

City	State	County
Stafford	Texas	Fort Bend

Address or other description of location:
On side of existing K45AK tower at 13627 Stafford Road.

Geographical coordinates of transmitting antenna to nearest second

North Latitude			West Longitude		
29 °	37 '	23 "	95 °	33 '	07 "

Attach as an Exhibit a map or maps (preferably topographic, if obtainable, such as Geological Survey quandrangles) of the area of the proposed transmitting antenna location shown drawn thereon the following data: Exhibit No. B

a. Scale of kilometers
b. Proposed transmitting antenna location accurately plotted.

	Make	Type No.		Output Power P
3. Transmitter:	TTC	XL1000MU		0.138 kilowatts
			Length	Rated efficiency E for length given (decimal fraction)
4. Transmission line:	Andrew	LDF7-50A	325 feet	0.603

5. Transmitting antenna [X] Directional "off-the-shelf" [ ] Directional Composite (Multiple Antennas) [ ] Non-Directional

Manufacturer	Model	Description [1]
Bogner	B4UT	Slotted cylinder

Orientation of main lobe [2]	Overall antenna structure height above ground [3]	Elevation of Site [4]	Power gain G (multiplier) in the horizontal lobe of maximum radiation relative to a halfwave dipole [5]
90°T	172 meters	24 meters	24.0

Effective radiated power (ERP)
(ERP=P X E X G) 2.0 kilowatts

Height of antenna radiation center above ground 91 meters

Height of antenna radiation center above above mean sea level 116 meters [6]

1 Give basic type using general descriptive terms such as half-wave dipole, "bow-tie" with screen, corner reflector, 10 element Yagi, 4 element in-phase array, two stacked 5 element Yagis, etc.

2 For directional antennas in the horizontal plane show the direction of the main radiation lobe(s) in degrees with respect to true north in a 360 degree horizontal azimuth, numbered clockwise, with true north as zero azimuth.

3 Show overall height above ground in meters to topmost portion of structure, including highest top mounted antenna and beacon if any.

4 Show the ground elevation above mean sea level in meters at the base of the transmitting antenna supporting structure.

5 Give the actual power gain toward the radio horizon.

6 This is equal to the sum of the site elevation and the height of the antenna radiation center above ground.

Section II (Page 2)

6. Attach as an Exhibit a vertical plan sketch for the proposed total antenna structure, including supporting structure, giving overall height of structure in meters above ground, including lighting beacon (if any). Exhibit No. C

7. Will the proposed antenna supporting structure be shared with an AM radio station? ☐ Yes ☒ No

If yes, list the call sign of that station. Does not apply

8. Attach as an Exhibit a polar diagram of the radiation pattern (relative field) in the horizontal plane of the transmitting antenna showing clearly the correct relationship between the major lobe or lobes and the minor lobes of radiation and a tabulation of the pattern at every ten degrees and all maxima and minima. Applicants proposing use of multiple transmitting antennas shall submit a composite radiation pattern. If a non-directional transmitting antenna will be employed, i.e., an antenna with an approximately circular radiation pattern, check here ☐ and omit polar diagram and tabulation. If the antenna manufacturer and model number are on the Commission's list of common "off-the-shelf" directional antennas, check here ☒ and omit polar diagram and tabulation. Exhibit No. --

9. Has FAA been notified of proposed construction ? ☐ Yes ☒ No
If Yes, give date and office where notice was filed: No change in overall height or location of existing structure

10. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within 47 C.F.R. 1.1307, such that it may have a significant environmental impact, including exposure to workers or the general public to harmful nonionizing radiation levels? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment as required by Section 1.1311. If no, explain briefly why not. Exhibit No. --

Proposal is believed to comply with pertinent provisions of sections 1.305, 1,1306 and 1.1307 of FCC Rules. *(See also Exhibit A of Engineering Report)*

11. Unattended operation:
Is unattended operation proposed? ☒ Yes ☐ No

If Yes, and this application is for authority to construct a new station or to make changes in the facilities of an authorized station which proposes unattended operation for the first time, applicant will comply with the requirements of 47 C.F.R. Section 74.734 concerning unattended operation. ☒ Yes ☐ No

12. Is type approved broadcast equipment being specified? ☒ Yes ☐ No
If No, indicate date equipment was submitted to FCC Laboratory for approval. Does not apply

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

September 13, 1988
Date

Signature

Typed or Printed Name
Kevin T. Fisher

Telephone No. (include area code)
(202) 293-7742

☐ Technical Director ☐ Registered Professional Engineer ☒ Consulting Engineer

☐ Chief Operator ☐ Other (specify)

United States of America

FEDERAL COMMUNICATIONS COMMISSION

LOW POWER TELEVISION / TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

NATIONAL MINORITY TV, INC.
P.O. BOX C-11949
SANTA ANA, CA 92711

Authorizing Official:

Keith A. Larson
Chief, LPTV Branch
Video Services Division
Mass Media Bureau

Grant Date: 10-31-88

Call sign: K56DP

This permit expires 3:00 am. local time: July 29, 1989

Permit File No.: BMPTT-880920IA

This permit modifies Permit No.: 801205IC

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified (date of expiration) or within such further time as the Commission may allow, unless completion of the station is prevented by causes not under the control of the permittee. See Sections 73.3598, 73.3599 and 73.3534 of the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 74.13 and 74.14 of the Commission's Rules.

Name of permittee:

NATIONAL MINORITY TV, INC.

Station Location:

TX-HOUSTON

Frequency (MHz): 722.0 - 728.0 Offset: None

Channel: 56

17

M.H. 10-19-

Call sign: K56DP Permit No.: BMPTT-880920IA

Hours of Operation: Unlimited

Transmitter location (address or description):

ON SIDE OF EXISTING K45AK TOWER AT 13627 STAFFORD ROAD.
STAFFORD, TX

Transmitter: Type accepted. See Section 74.750 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Desc: BOGNER B4UT
SIDE MOUNTED ON A 172 METER TOWER

Major lobe directions (degrees true): 90.0

Antenna coordinates: North Latitude: 29 37 23.0
West Longitude: 95 33 7.0

Transmitter output power (Visual) . . . . : .138 kW

Maximum effective radiated power (Visual) : 2.0 kW

Height of radiation center above ground . . . . : 91.0 Meters

Height of radiation center above mean sea level : 116.0 Meters

Overall height of antenna structure above ground (including obstruction lighting, if any) . . . . . : 172.0 meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

Paragraph 1.0, FCC Form 715 (March 1978):

Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and bottom. The width of the bands shall be equal and approximately one-seventh the height of the structure, provided however, that the bands shall not be more than 100 feet nor less than 1 and 1/2 feet in width. All towers shall be cleaned and repainted as often as necessary to maintain good visibility.

18

Paragraph 3.0, FCC Form 715 (March 1978):

There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

Paragraph 4.0, FCC Form 715 (March 1978):

At approximately one-half of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of the tower at the prescribed height.

Paragraph 13.0, FCC Form 715 (March 1978):

On levels at approximately three-fourths and one-fourth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

Paragraph 21.0, FCC Form 715 (March 1978):

All lighting shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

Special operating conditions or restrictions:

1. Subject to the condition that before program tests are authorized the transmitter employed must be type accepted or meet Commission type acceptance requirements at an actual power output as shown below. In the event the transmitter has not been type accepted at this power, the permittee shall, in the license application, provide full engineering data demonstrating compliance with Section 74.750 of the Commission's Rules.

   0.138 KW